

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 1    | WO-0110947-\$.did.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/07<br>10:10 |
| L2    | 1    | WO-9915433-\$.did.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/07<br>10:10 |
| L3    | 12   | "6455620"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/07<br>10:10 |
| L4    | 79   | "6083585"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/07<br>10:10 |
| L5    | 306  | polymer\$7 and blend\$6<br>and (polypropylene<br>\$1oxide or PPO) and<br>copolymer and (oxidati<br>\$7 with catal\$7)                                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/07<br>10:10 |
| L6    | 222  | (polymer\$7 with blend<br>\$6) and (polypropylene<br>\$1oxide or PPO) and<br>copolymer and (oxidati<br>\$7 with catal\$7)                            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/07<br>10:10 |
| L7    | 1    | (polymer\$7 with blend<br>\$6) with (polypropylene<br>\$1oxide or PPO) with<br>copolymer with (oxidati<br>\$7 with catal\$7)                         | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/07<br>10:10 |
| L8    | 0    | (polymer\$7 with blend<br>\$6) with (polypropylene<br>\$1oxide or poly<br>\$1propylene\$1oxide)<br>with copolymer with<br>(oxidati\$7 with catal\$7) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/05/07<br>10:10 |

|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| L9  | 0   | (polymer\$7 with blend \$6) with (polypropylene \$1oxide or poly \$1propylene\$1oxide) with copolymer with (oxidati\$7 with catal\$7)            | USOCR  | OR | ON | 2010/05/07 10:10 |
| L10 | 0   | (polymer\$7 with blend \$6) and (polypropylene \$1oxide or poly \$1propylene\$1oxide) and copolymer and (oxidati\$7 with catal\$7)               | USOCR  | OR | ON | 2010/05/07 10:10 |
| L11 | 6   | (polymer\$7 with blend \$6) and (polypropylene \$1oxide or poly \$1propylene\$1oxide) and copolymer and (oxidati\$7 with catal\$7)               | US-PGPUB;<br>USPAT; FPPRS;<br>EPC; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07 10:10 |
| L12 | 22  | (polymer\$7) and (polypropylene\$1oxide or poly\$1propylene \$1oxide) and copolymer and (oxidati\$7 with catal \$7)                              | US-PGPUB;<br>USPAT; FPPRS;<br>EPC; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07 10:10 |
| L13 | 2   | (polymer\$7) and (polypropylene\$1oxide or poly\$1propylene \$1oxide) and copolymer and (oxidati\$7 with catal \$7)                              | USOCR  | OR | ON | 2010/05/07 10:10 |
| L14 | 2   | (polymer\$7) and (polypropylene\$1oxide or poly\$1propylene \$1oxide or Pluronic\$7) and co\$1polymer and (oxidati\$7 with catal\$7)             | USOCR  | OR | ON | 2010/05/07 10:10 |
| L15 | 16  | (polymer\$7) and (polypropylene\$1oxide or poly\$1propylene \$1oxide or Pluronic\$7) and co\$1polymer and (oxidati\$7 with catal\$7)             | US-PGPUB;<br>USPAT; FPPRS;<br>EPC; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07 10:10 |
| L16 | 179 | (polymer\$7) and (polypropylene\$1oxide or poly\$1propylene \$1oxide or Pluronic\$7) and co\$1polymer and (oxidati\$7 or oxidiz\$7) and catal\$7 | US-PGPUB;<br>USPAT; FPPRS;<br>EPC; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07 10:10 |

|     |      |  |   |    |    |                     |
|-----|------|--|---|----|----|---------------------|
| L17 | 23   | ("2763624"   "3021290"<br>  "3067482"  <br>"3256218"   "3483069"<br>  "3572330"  <br>"3737398"   "3965051").<br>PN. OR ("4368277").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2010/05/07<br>10:10 |
| L18 | 0    | L12 and L3   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L19 | 19   | "6346308"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L20 | 8    | ("6083585").PN. OR<br>("6346308").URPN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2010/05/07<br>10:10 |
| L21 | 1    | "20020095003"  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2010/05/07<br>10:10 |
| L22 | 1    | 10/582909  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L23 | 3859 | (polymer\$7) and (PPG<br>or polypropylene<br>\$1glycol or propylene<br>\$1oxide or poly<br>\$1propylene\$1oxide or<br>Pluronic\$7) and co<br>\$1polymer and (oxidati<br>\$7 or oxidiz\$7) and catal<br>\$7 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L24 | 0    | polymer\$7 with blend\$6<br>with (PPG or<br>polypropylene\$1glycol<br>or propylene\$1oxide or<br>poly\$1propylene\$1oxide<br>or Pluronic\$7) with<br>copolymer with (oxidati<br>\$7 with catal\$7)         | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L25 | 0    | polymer\$7 same blend<br>\$6 same (PPG or<br>polypropylene\$1glycol<br>or propylene\$1oxide or<br>poly\$1propylene\$1oxide<br>or Pluronic\$7) same<br>copolymer same (oxidati<br>\$7 with catal\$7)        | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |

|     |     |   |   |    |    |                     |
|-----|-----|---|---|----|----|---------------------|
| L26 | 264 | polymer\$7 and blend\$6 and (PPG or polypropylene\$1glycol or propylene\$1oxide or poly\$1propylene\$1oxide or Pluronic\$7) and copolymer and (oxidati\$7 with catal\$7)                                  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L27 | 264 | polymer\$7 and blend\$6 and (PPG or polypropylene\$1glycol or propylene\$1oxide or poly\$1propylene\$1oxide or Pluronic\$7) and (copolymer or co\$1polymer) and (oxidati\$7 with catal\$7)                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L28 | 3   | polymer\$7 and blend\$6 and (PPG or polypropylene\$1glycol or propylene\$1oxide or poly\$1propylene\$1oxide or Pluronic\$7) and (copolymer or co\$1polymer) and (oxidati\$7 with catal\$7) and (L4 or L1) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L29 | 0   | polymer\$7 and blend\$6 and (polypropylene\$1glycol or propylene\$1oxide or poly\$1propylene\$1oxide or Pluronic\$7) and (copolymer or co\$1polymer) and (oxidati\$7 with catal\$7) and (L4 or L1)        | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L30 | 79  | "6083585"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L31 | 11  | "6509436"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L32 | 19  | "6346308"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |

|     |    |   |   |    |    |                     |
|-----|----|---|---|----|----|---------------------|
| L33 | 11 | "6506463"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L34 | 16 | "6406766"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L35 | 17 | ("4536409"   "4702966"<br>  "5021515"  <br>"5166309"   "5211875"<br>  "5281360"  <br>"5399289"   "5604043"<br>  "5700554"  <br>"5859145"   "6083585"<br>  "6254803"  <br>"6254804"   "6346308"<br>  "6365247"  <br>"6544611").PN. OR<br>("6872451").URPN. | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2010/05/07<br>10:10 |
| L36 | 1  | WO-0110947-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L37 | 12 | "6455620"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L38 | 4  | "polyoxy-1,2-<br>propanediyl"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L39 | 3  | "20050170193"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L40 | 0  | "20050170193" and<br>polymer and<br>"dimensions of PET<br>spherulites"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L41 | 2  | "20050170193" and<br>polymer and dimensions<br>and PET and spherulites  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |

|     |     |   |   |    |    |                     |
|-----|-----|---|---|----|----|---------------------|
| L42 | 195 | polymer and dimensions and PET and spherulites                        | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L43 | 73  | polymer and dimensions and PET and spherulites not fiber              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L44 | 62  | polymer and dimensions and PET and solution and spherulites not fiber | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L45 | 2   | "20070138436"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L46 | 1   | "10582909"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L47 | 2   | EP-1878780-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L48 | 0   | 252/188.28.das.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L49 | 0   | 252/188.das.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L50 | 440 | 252/188.28.cds.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L51 | 9   | 252/188.28.cds. and (propylene with oxide)                            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |

|     |      |   |   |    |    |                     |
|-----|------|---|---|----|----|---------------------|
| L52 | 1    | 10/582910   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L53 | 12   | "6455620"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L54 | 12   | "6455620"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L55 | 36   | "5811027"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L56 | 1    | "5811027" and TEN<br>\$2CEM                           | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L57 | 1    | "6455620" and shim                                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L58 | 0    | spherulite with<br>(polypropylene\$2glycol<br>or ppg) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L59 | 0    | spherulite with<br>(polypropylene\$2glycol<br>or ppg) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L60 | 0    | spherulite  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L61 | 2643 | spherulite  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |

|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
| L62 | 229 | spherulite and (polypropylene with glycol)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L63 | 167 | spherulite and (polypropylene adj glycol)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L64 | 167 | spherulite and ((polypropylene adj glycol) or polypropylene \$2glycol)                 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L65 | 1   | spherulite with ((polypropylene adj glycol) or polypropylene \$2glycol)                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L66 | 1   | spherulite with ((polypropylene adj glycol) or polypropylene \$2glycol) and spherulite | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L67 | 4   | "5393813"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L68 | 0   | "5393813" and polypropylene\$2glycol   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L69 | 2   | "5393813" and (polypropylene adj glycol)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L70 | 1   | "5393813" and (polypropylene adj glycol) and spheru\$7                                 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L71 | 2   | "20020028857"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |



|     |     |   |   |    |    |                     |
|-----|-----|---|---|----|----|---------------------|
| L72 | 10  | "3793399"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L73 | 3   | "7553913"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L74 | 9   | "4681446"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L75 | 63  | "4618446"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L76 | 463 | crystall\$12 with<br>((polypropylene adj<br>glycol) or polypropylene<br>\$2glycol) and crystall<br>\$12   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L77 | 423 | crystall\$12 with<br>((polypropylene adj<br>glycol) or polypropylene<br>\$2glycol) and crystalli<br>\$12  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L78 | 328 | crystall\$12 with<br>((polypropylene adj<br>glycol) or polypropylene<br>\$2glycol) and crystalli<br>\$12 not polyamid\$6                          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L79 | 260 | crystall\$12 with<br>((polypropylene adj<br>glycol) or polypropylene<br>\$2glycol) and crystalli<br>\$12 not (polyamid\$6 or<br>polyester\$5)     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L80 | 260 | (crystall\$12 with<br>((polypropylene adj<br>glycol) or polypropylene<br>\$2glycol)) and crystalli<br>\$12 not (polyamid\$6 or<br>polyester\$5)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |
| L81 | 260 | ((crystall\$12 with<br>((polypropylene adj<br>glycol) or polypropylene<br>\$2glycol)) and crystalli<br>\$12) not (polyamid\$6 or<br>polyester\$5) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/07<br>10:10 |

|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| L82 | 3   | (metal with shim) and spherulit\$5   | USPAT  | OR | OFF | 2010/05/07 10:10 |
| L83 | 7   | (metal with shim) and spherulit\$5   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07 10:10 |
| L84 | 757 | (polymer with film) and spherulit\$5   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07 10:10 |
| L85 | 628 | (polymer with film) and spherulit\$5 and thickness   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07 10:10 |
| L86 | 375 | (polymer with film) and spherulit\$5 and thickness and gas                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07 10:10 |
| L87 | 132 | (polymer with film) and spherulit\$5 and thickness and gas and permeation                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07 10:10 |
| L88 | 10  | (polymer with film) and spherulit\$5 and thickness and (gas with permeation)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07 10:10 |
| L89 | 0   | (polymer with film with pressed) and spherulit \$5 and thickness and (gas with permeation) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07 10:10 |
| L90 | 19  | (polymer with film with pressed) and spherulit \$5   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07 10:10 |
| L91 | 215 | (ppo or (polypropylene adj glycol) or (polypropylene adj oxide)) and spherulit\$5          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07 10:10 |
| L92 | 1   | (ppo or (polypropylene adj glycol) or (polypropylene adj oxide)) with spherulit\$5         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07 10:10 |

|      |      |  |  |    |     |                     |
|------|------|--|--|----|-----|---------------------|
| L93  | 0    | ((polypropylene adj glycol) or (polypropylene adj oxide)) with spherulit\$5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L94  | 4    | ((polypropylene adj glycol) or (polypropylene adj oxide)) same spherulit \$5   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L95  | 25   | ((polypropylene adj glycol) or (polypropylene adj oxide)) same\$ spherulit \$5                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L96  | 5    | ((polypropylene adj glycol) or (polypropylene adj oxide)) same\$ spherulit \$5 ) and film                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L97  | 204  | ((polypropylene adj glycol) or (polypropylene adj oxide)) and spherulit\$5   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L98  | 120  | ((polypropylene adj glycol) or (polypropylene adj oxide)) and spherulit\$5 and film                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L99  | 31   | ((polypropylene adj glycol) or (polypropylene adj oxide)) and spherulit\$5 and film and pressed                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L100 | 0    | ((polypropylene adj glycol) or (polypropylene adj oxide)) and spherulit\$5 and film and pressed and platten          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L101 | 2405 | ((polypropylene adj glycol) or (polypropylene adj oxide)) and (spherulit\$5 or region) and film and pressed          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L102 | 1148 | ((polypropylene adj glycol) or (polypropylene adj oxide)) and (spherulit\$5 or region) and film and pressed and melt | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |

|      |     |  |  |    |     |                     |
|------|-----|--|--|----|-----|---------------------|
| L103 | 384 | ((polypropylene adj glycol) or (polypropylene adj oxide)) and (spherulit\$5 or region) and (thin with film) and pressed and melt                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L104 | 572 | ((polypropylene adj glycol) or (polypropylene adj oxide)) and (spherulit\$5 or region) and (thin with film) and pressed and melt\$6                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L105 | 78  | ((polypropylene adj glycol) or (polypropylene adj oxide)) and (spherulit\$5 or (crystal\$6 with (region or domain\$5))) and (thin with film) and pressed and melt\$6 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L106 | 228 | ((polypropylene adj glycol) or (polypropylene adj oxide) or PPG) and spherulit\$5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L107 | 24  | ((polypropylene adj glycol) or (polypropylene adj oxide) or PPG) and spherulit\$5 not L97  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L108 | 11  | ((polypropylene adj glycol) or (polypropylene adj oxide) or PPG) and spherulit\$5 and film not L97   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L109 | 26  | polyethylene with spherulit\$5 with film   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L110 | 1   | polyethylene with spherulit\$5 with film with sheet  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |
| L111 | 14  | polyethylene same spherulit\$5 same film same sheet  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/05/07<br>10:10 |

|      |         |   |  |      |     |                     |
|------|---------|---|--|------|-----|---------------------|
| L112 | 1       | polyethylene same spherulit\$5 same film same sheet not (Roll or rolling or rolled)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | OFF | 2010/05/07<br>10:10 |
| L113 | 5       | polyethylene same film same sheet not (Roll or rolling or rolled) and platten   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | OFF | 2010/05/07<br>10:10 |
| L114 | 1406526 | polyethylene same film same sheet not (Roll or rolling or rolled) and platten pressed   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | OFF | 2010/05/07<br>10:10 |
| L115 | 2       | polyethylene same film same sheet not (Roll or rolling or rolled) and platten and pressed   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | OFF | 2010/05/07<br>10:10 |
| L116 | 39      | semicrystalline "polypropylene oxide"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME | OFF | 2010/05/07<br>10:10 |
| L117 | 0       | semicrystalline "polypropylene oxide" film  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME | OFF | 2010/05/07<br>10:10 |
| L118 | 3       | semicrystalline ("polypropylene oxide" or (polypropylene adj oxide) or "polypropylene glycol" or (polypropylene adj glycol) or (polypropylene \$2glycol)) same film | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME | OFF | 2010/05/07<br>10:10 |
| S1   | 1       | WO-0110947-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB        | OR   | ON  | 2009/07/13<br>11:30 |
| S2   | 1       | WO-9915433-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB        | OR   | ON  | 2009/07/13<br>11:30 |
| S3   | 11      | "6455620"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB        | OR   | ON  | 2009/07/13<br>11:31 |

|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
| S4  | 68  | "6083585"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>11:31 |
| S5  | 281 | polymer\$7 and blend\$6<br>and (polypropylene<br>\$1oxide or PPO) and<br>copolymer and (oxidati<br>\$7 with catal\$7)                                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>11:36 |
| S6  | 205 | (polymer\$7 with blend<br>\$6) and (polypropylene<br>\$1oxide or PPO) and<br>copolymer and (oxidati<br>\$7 with catal\$7)                            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>11:36 |
| S7  | 1   | (polymer\$7 with blend<br>\$6) with (polypropylene<br>\$1oxide or PPO) with<br>copolymer with (oxidati<br>\$7 with catal\$7)                         | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>11:37 |
| S8  | 0   | (polymer\$7 with blend<br>\$6) with (polypropylene<br>\$1oxide or poly<br>\$1propylene\$1oxide)<br>with copolymer with<br>(oxidati\$7 with catal\$7) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>11:39 |
| S9  | 0   | (polymer\$7 with blend<br>\$6) with (polypropylene<br>\$1oxide or poly<br>\$1propylene\$1oxide)<br>with copolymer with<br>(oxidati\$7 with catal\$7) | USOCR   | OR | ON | 2009/07/13<br>11:39 |
| S10 | 0   | (polymer\$7 with blend<br>\$6) and (polypropylene<br>\$1oxide or poly<br>\$1propylene\$1oxide)<br>and copolymer and<br>(oxidati\$7 with catal\$7)    | USOCR   | OR | ON | 2009/07/13<br>11:40 |
| S11 | 6   | (polymer\$7 with blend<br>\$6) and (polypropylene<br>\$1oxide or poly<br>\$1propylene\$1oxide)<br>and copolymer and<br>(oxidati\$7 with catal\$7)    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>11:40 |
| S12 | 19  | (polymer\$7) and<br>(polypropylene\$1oxide<br>or poly\$1propylene<br>\$1oxide) and copolymer<br>and (oxidati\$7 with catal<br>\$7)                   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>11:43 |

|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| S13 | 2   | (polymer\$7) and (polypropylene\$1oxide or poly\$1propylene \$1oxide) and copolymer and (oxidati\$7 with catal\$7)                               | USOCR  | OR | ON | 2009/07/13 11:44 |
| S14 | 2   | (polymer\$7) and (polypropylene\$1oxide or poly\$1propylene \$1oxide or Pluronic\$7) and co\$1polymer and (oxidati\$7 with catal\$7)             | USOCR  | OR | ON | 2009/07/13 11:46 |
| S15 | 15  | (polymer\$7) and (polypropylene\$1oxide or poly\$1propylene \$1oxide or Pluronic\$7) and co\$1polymer and (oxidati\$7 with catal\$7)             | US-PGPUB;<br>USPAT; FPPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13 11:47 |
| S16 | 164 | (polymer\$7) and (polypropylene\$1oxide or poly\$1propylene \$1oxide or Pluronic\$7) and co\$1polymer and (oxidati\$7 or oxidiz\$7) and catal\$7 | US-PGPUB;<br>USPAT; FPPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13 11:48 |
| S17 | 23  | ("2763624"   "3021290"   "3067482"   "3256218"   "3483069"   "3572330"   "3737398"   "3965051").<br>PN. OR ("4368277").<br>URPN.                 | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/07/13 12:04 |
| S18 | 0   | S12 and S3   | US-PGPUB;<br>USPAT; FPPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13 12:06 |
| S19 | 18  | "6346308"  | US-PGPUB;<br>USPAT; FPPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13 12:10 |
| S20 | 8   | ("6083585").PN. OR ("6346308").URPN.   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/07/13 12:10 |
| S21 | 1   | "20020095003"  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/07/13 12:14 |
| S22 | 1   | 10/582909  | US-PGPUB;<br>USPAT; FPPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13 12:55 |

|     |      |   |   |    |    |                     |
|-----|------|---|---|----|----|---------------------|
| S23 | 3469 | (polymer\$7) and (PPG or polypropylene\$1glycol or propylene\$1oxide or poly\$1propylene\$1oxide or Pluranic\$7) and co\$1polymer and (oxidati\$7 or oxidiz\$7) and catal\$7                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:00 |
| S24 | 0    | polymer\$7 with blend\$6 with (PPG or polypropylene\$1glycol or propylene\$1oxide or poly\$1propylene\$1oxide or Pluranic\$7) with copolymer with (oxidati\$7 with catal\$7)                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:01 |
| S25 | 0    | polymer\$7 same blend\$6 same (PPG or polypropylene\$1glycol or propylene\$1oxide or poly\$1propylene\$1oxide or Pluranic\$7) same copolymer same (oxidati\$7 with catal\$7)                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:02 |
| S26 | 237  | polymer\$7 and blend\$6 and (PPG or polypropylene\$1glycol or propylene\$1oxide or poly\$1propylene\$1oxide or Pluranic\$7) and copolymer and (oxidati\$7 with catal\$7)                                  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:02 |
| S27 | 237  | polymer\$7 and blend\$6 and (PPG or polypropylene\$1glycol or propylene\$1oxide or poly\$1propylene\$1oxide or Pluranic\$7) and (copolymer or co\$1polymer) and (oxidati\$7 with catal\$7)                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:03 |
| S28 | 2    | polymer\$7 and blend\$6 and (PPG or polypropylene\$1glycol or propylene\$1oxide or poly\$1propylene\$1oxide or Pluranic\$7) and (copolymer or co\$1polymer) and (oxidati\$7 with catal\$7) and (S4 or S1) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:04 |



|     |    |   |   |    |    |                     |
|-----|----|---|---|----|----|---------------------|
| S29 | 0  | polymer\$7 and blend\$6 and (polypropylene \$1glycol or propylene \$1oxide or poly \$1propylene\$1oxide or Pluronic\$7) and (copolymer or co \$1polymer) and (oxidati \$7 with catal\$7) and (\$4 or \$1)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:06 |
| S30 | 68 | "6083585"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:23 |
| S31 | 10 | "6509436"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:23 |
| S32 | 18 | "6346308"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:23 |
| S33 | 10 | "6506463"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:24 |
| S34 | 15 | "6406766"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:24 |
| S35 | 17 | ("4536409"   "4702966"<br>  "5021515"  <br>"5166309"   "5211875"<br>  "5281360"  <br>"5399289"   "5604043"<br>  "5700554"  <br>"5859145"   "6083585"<br>  "6254803"  <br>"6254804"   "6346308"<br>  "6365247"  <br>"6544611").PN. OR<br>("6872451").URPN. | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2009/07/13<br>15:11 |
| S36 | 1  | WO-0110947-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/16<br>13:51 |

|     |     |   |   |    |    |                     |
|-----|-----|---|---|----|----|---------------------|
| S37 | 12  | "6455620"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>13:10 |
| S38 | 3   | "polyoxy-1,2-<br>propanediyl"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/02<br>14:42 |
| S39 | 2   | "20050170193"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>12:51 |
| S40 | 0   | "20050170193" and<br>polymer and<br>"dimensions of PET<br>spherulites"      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>12:51 |
| S41 | 1   | "20050170193" and<br>polymer and dimensions<br>and PET and spherulites      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>12:52 |
| S42 | 173 | polymer and dimensions<br>and PET and spherulites                           | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>12:54 |
| S43 | 71  | polymer and dimensions<br>and PET and spherulites<br>not fiber              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>12:54 |
| S44 | 61  | polymer and dimensions<br>and PET and solution<br>and spherulites not fiber | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>12:55 |
| S45 | 2   | "20070138436"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>14:35 |
| S46 | 1   | "10582909"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>14:42 |

|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
| S47 | 2   | EP-1878780-\$.did.                             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>14:58 |
| S48 | 0   | 252/188.28.clas.                               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>16:58 |
| S49 | 0   | 252/188.clas.                                  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>16:58 |
| S50 | 419 | 252/188.28.ccls.                               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>16:59 |
| S51 | 7   | 252/188.28.ccls. and<br>(propylene with oxide) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/03<br>16:59 |
| S52 | 1   | 10/582910                                      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>09:56 |
| S53 | 12  | "6455620"                                      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>10:18 |
| S54 | 12  | "6455620"                                      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>12:16 |
| S55 | 36  | "5811027"                                      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>13:10 |
| S56 | 1   | "5811027" and TEN<br>\$2CEM                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>13:11 |

|     |      |   |   |    |    |                     |
|-----|------|---|---|----|----|---------------------|
| S57 | 1    | "6455620" and shim  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>13:57 |
| S58 | 0    | spherulite with<br>(polypropylene\$2glycol<br>or ppg)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:38 |
| S59 | 0    | spherulite with<br>(polypropylene\$2glycol<br>or ppg)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:38 |
| S60 | 0    | spherulite  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:39 |
| S61 | 2548 | spherulite  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:39 |
| S62 | 216  | spherulite and<br>(polypropylene with<br>glycol)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:39 |
| S63 | 159  | spherulite and<br>(polypropylene adj<br>glycol)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:40 |
| S64 | 159  | spherulite and<br>((polypropylene adj<br>glycol) or polypropylene<br>\$2glycol)                 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:40 |
| S65 | 1    | spherulite with<br>((polypropylene adj<br>glycol) or polypropylene<br>\$2glycol)                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:40 |
| S66 | 1    | spherulite with<br>((polypropylene adj<br>glycol) or polypropylene<br>\$2glycol) and spherulite | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:42 |

|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
| S67 | 4   | "5393813"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:57 |
| S68 | 0   | "5393813" and<br>polypropylene\$2glycol  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:57 |
| S69 | 2   | "5393813" and<br>(polypropylene adj<br>glycol)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:58 |
| S70 | 1   | "5393813" and<br>(polypropylene adj<br>glycol) and spheru\$7   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>14:58 |
| S71 | 2   | "20020028857"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>15:04 |
| S72 | 10  | "3793399"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>15:18 |
| S73 | 3   | "7553913"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>15:20 |
| S74 | 9   | "4681446"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>16:20 |
| S75 | 62  | "4618446"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>16:24 |
| S76 | 441 | crystal\$12 with<br>((polypropylene adj<br>glycol) or polypropylene<br>\$2glycol) and crystall<br>\$12 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/18<br>16:41 |

|     |     |   |  |    |     |                     |
|-----|-----|---|--|----|-----|---------------------|
| S77 | 403 | crystalli\$12 with ((polypropylene adj glycol) or polypropylene \$2glycol) and crystalli \$12                                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON  | 2009/11/18<br>16:41 |
| S78 | 314 | crystalli\$12 with ((polypropylene adj glycol) or polypropylene \$2glycol) and crystalli \$12 not polyamid\$6                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON  | 2009/11/18<br>16:41 |
| S79 | 253 | crystalli\$12 with ((polypropylene adj glycol) or polypropylene \$2glycol) and crystalli \$12 not (polyamid\$6 or polyester\$5)     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON  | 2009/11/18<br>16:42 |
| S80 | 253 | (crystalli\$12 with ((polypropylene adj glycol) or polypropylene \$2glycol)) and crystalli \$12 not (polyamid\$6 or polyester\$5)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON  | 2009/11/18<br>16:43 |
| S81 | 253 | ((crystalli\$12 with ((polypropylene adj glycol) or polypropylene \$2glycol)) and crystalli \$12) not (polyamid\$6 or polyester\$5) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB        | OR | ON  | 2009/11/18<br>16:43 |
| S82 | 3   | (metal with shim) and spherulit\$5  | USPAT  | OR | OFF | 2010/03/30<br>12:57 |
| S83 | 7   | (metal with shim) and spherulit\$5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>12:58 |
| S84 | 751 | (polymer with film) and spherulit\$5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>12:58 |
| S85 | 622 | (polymer with film) and spherulit\$5 and thickness  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>12:59 |
| S86 | 370 | (polymer with film) and spherulit\$5 and thickness and gas  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>12:59 |

|     |     |  |  |    |     |                     |
|-----|-----|--|--|----|-----|---------------------|
| S87 | 128 | (polymer with film) and spherulit\$5 and thickness and gas and permeation                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>12:59 |
| S88 | 10  | (polymer with film) and spherulit\$5 and thickness and (gas with permeation)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>12:59 |
| S89 | 0   | (polymer with film with pressed) and spherulit \$5 and thickness and (gas with permeation) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:00 |
| S90 | 19  | (polymer with film with pressed) and spherulit \$5   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:01 |
| S91 | 210 | (ppo or (polypropylene adj glycol) or (polypropylene adj oxide)) and spherulit\$5          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:02 |
| S92 | 1   | (ppo or (polypropylene adj glycol) or (polypropylene adj oxide)) with spherulit\$5         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:02 |
| S93 | 0   | ((polypropylene adj glycol) or (polypropylene adj oxide)) with spherulit\$5                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:03 |
| S94 | 4   | ((polypropylene adj glycol) or (polypropylene adj oxide)) same spherulit \$5               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:03 |
| S95 | 25  | ((polypropylene adj glycol) or (polypropylene adj oxide)) same\$5 spherulit \$5            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:04 |
| S96 | 5   | ((polypropylene adj glycol) or (polypropylene adj oxide)) same\$5 spherulit \$5 ) and film | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:04 |

|      |      |   |  |    |     |                     |
|------|------|---|--|----|-----|---------------------|
| S97  | 199  | ((polypropylene adj glycol) or (polypropylene adj oxide)) and spherulit\$5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:09 |
| S98  | 117  | ((polypropylene adj glycol) or (polypropylene adj oxide)) and spherulit\$5 and film   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:09 |
| S99  | 31   | ((polypropylene adj glycol) or (polypropylene adj oxide)) and spherulit\$5 and film and pressed                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:09 |
| S100 | 0    | ((polypropylene adj glycol) or (polypropylene adj oxide)) and spherulit\$5 and film and pressed and platten                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:09 |
| S101 | 2370 | ((polypropylene adj glycol) or (polypropylene adj oxide)) and (spherulit\$5 or region) and film and pressed                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:28 |
| S102 | 1132 | ((polypropylene adj glycol) or (polypropylene adj oxide)) and (spherulit\$5 or region) and film and pressed and melt                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:28 |
| S103 | 380  | ((polypropylene adj glycol) or (polypropylene adj oxide)) and (spherulit\$5 or region) and (thin with film) and pressed and melt    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:28 |
| S104 | 566  | ((polypropylene adj glycol) or (polypropylene adj oxide)) and (spherulit\$5 or region) and (thin with film) and pressed and melt\$6 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:28 |



|      |     |  |  |    |     |                     |
|------|-----|--|--|----|-----|---------------------|
| S105 | 73  | ((polypropylene adj glycol) or (polypropylene adj oxide)) and (spherulit\$5 or (crystal\$6 with (region or domain\$5))) and (thin with film) and pressed and melt\$6 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:29 |
| S106 | 223 | ((polypropylene adj glycol) or (polypropylene adj oxide) or PPG) and spherulit\$5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:54 |
| S107 | 24  | ((polypropylene adj glycol) or (polypropylene adj oxide) or PPG) and spherulit\$5 not \$97   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:54 |
| S108 | 11  | ((polypropylene adj glycol) or (polypropylene adj oxide) or PPG) and spherulit\$5 and film not \$97  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>13:55 |
| S109 | 26  | polyethylene with spherulit\$5 with film   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>14:06 |
| S110 | 1   | polyethylene with spherulit\$5 with film with sheet  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>14:08 |
| S111 | 14  | polyethylene same spherulit\$5 same film same sheet  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>14:09 |
| S112 | 1   | polyethylene same spherulit\$5 same film same sheet not (Roll or rolling or rolled)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>14:10 |
| S113 | 5   | polyethylene same film same sheet not (Roll or rolling or rolled) and platten  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/30<br>14:12 |

|      |         |   |  |      |     |                     |
|------|---------|---|--|------|-----|---------------------|
| S114 | 1398810 | polyethylene same film same sheet not (Roll or rolling or rolled) and platten pressed   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | OFF | 2010/03/30<br>14:13 |
| S115 | 2       | polyethylene same film same sheet not (Roll or rolling or rolled) and platten and pressed   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | OFF | 2010/03/30<br>14:13 |
| S116 | 39      | semicrystalline "polypropylene oxide"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME | OFF | 2010/03/30<br>14:16 |
| S117 | 0       | semicrystalline "polypropylene oxide" film  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME | OFF | 2010/03/30<br>14:19 |
| S118 | 3       | semicrystalline ("polypropylene oxide" or (polypropylene adj oxide) or "polypropylene glycol" or (polypropylene adj glycol) or (polypropylene \$2glycol)) same film | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME | OFF | 2010/03/30<br>14:21 |

5/ 7/ 2010 10:14:18 AM

C:\Documents and Settings\agreso\My Documents\EAST\Workspaces\ 10 582910.wsp